



PATENT
P56533

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JONOG-SEO CHOI *et al.*

Serial No.: 09/964,375

Examiner: QUARTERMAN, KEVIN J.

Filed: 28 September 2001

Art Unit: 2879

For: CATHODE FOR ELECTRON TUBE HAVING NEEDLE-SHAPED CONDUCTIVE MATERIAL AND METHOD OF PREPARING THE CATHODE (as amended)

AMENDMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the first Office action mailed on 30 May 2003 (Paper No. 5), entry of the following amendments and remarks, re-examination and reconsideration are respectfully requested.

Folio: P56533

Date: 9/2/03

I.D.: REB/JGS/kf

09/04/2003 ZJUHAR1 00000073 09964375

01 FC:1201
02 FC:1202

420.00 OP
90.00 OP

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2879/

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PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 510.00)

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

Applicant claims small entity status. See 37 CFR 1.27

2. ■ Payment Enclosed:

(CHECK #44705)

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	\$
1002	330	2002	165	Design filing fee	\$
1003	520	2003	260	Plant filing fee	\$
1004	750	2004	375	Reissue filing fee	\$
1005	160	2005	80	Provisional filing fee	\$

SUBTOTAL (1) (\$.00)

2. EXTRA CLAIM FEES

Extra Claims Fee from below Fee Paid

Total claims -20** = 5 x \$18.00 = \$90.00

Independent Claims - 3** = 5 x \$84.00 = \$420.00

Multiple Dependent =

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1201	84	2201	42	Independent claims in excess of 3
1202	18	2202	9	Claims in excess of 20
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$510.00

Complete If Known

Application Number	09/964,375
Filing Date	28 September 2001
First Named Inventor	Jong-Seo CHOI et al.
Examiner Name	QUARGERMAN, Kevin J.
Group/Art Unit	2879

Attorney Docket No. P56533

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65		
				Surcharge-late filing fee or oath	\$
1052	50	2052	25		
				Surcharge-late provisional filing fee or cover sheet	\$
1053	130	1053	130		
				Non-English specification	\$
1812	2,520	1812	2,520		
				For filing a request for reexamination	\$
1804	920*	1804	920*		
				Requesting publication of SIR prior to Examiner action	\$
1805	1,840*	1805	1,840*		
				Requesting publication of SIR after Examiner action	\$
1251	110	2251	55		
				Extension for reply within first month	\$
1252	410	2252	205		
				Extension for reply within second month	\$
1253	930	2253	465		
				Extension for reply within third month	\$
1254	1,450	2254	725		
				Extension for reply within fourth month	\$
1255	1,970	2255	985		
				Extension for reply within fifth month	\$
1401	320	2401	160		
				Notice of Appeal	\$
1402	320	2402	160		
				Filing a brief in support of an appeal	\$
1403	280	2403	140		
				Request for oral hearing	\$
1451	1,510	1451	1,510		
				Petition to institute a public use proceeding	\$
1452	110	2452	55		
				Petition to revive - unavoidable	\$
1453	1,300	2453	650		
				Petition to revive - unintentional	\$
1501	1,300	2501	650		
				Utility issue fee (or reissue)	\$
1502	470	2502	235		
				Design issue fee	\$
1503	630	2503	315		
				Plant issue fee	\$
1460	130	1460	130		
				Petitions to the Commissioner	\$
1807	50	1807	50		
				Processing fee for provisional applications	\$
1806	180	1806	180		
				Submission of Information Disclosure Statement	\$
8021	40	8021	40		
				Recording each patent assignment per property (Times number of properties)	\$
1809	750	2809	375		
				Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810	750	2810	375		
				For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801	750	2801	375		
				Request for Continued Examination (RCE)	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
** Reduced by Basic Filing Fee Paid				SUBTOTAL (3) \$.00	

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	2 September 2003

REB/kf

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